

This report summarizes the time-dependent portion of your electricity charges, the portion of the charges dependent on your usage patterns. It also compares your charges relative to those of others in your “peer group” – those within the same North American Industry (NAICS) code and subscribed to the same time of use rate (TOU). It is provided to you for your information and as a backdrop for the conversation with Southern California Edison (SCE) to find opportunities for savings.

The analysis is performed by back-casting your last year’s consumption to the rates currently in effect. As such, it is a forecast of your future payments, not an accurate replica of your earlier ones.

Components of the Bill

The time-dependent part of an electric bill has three main components: energy charges, facility charges, and demand charges. The first component - energy charges - are collected to recover your utility’s cost to procure electricity. They are calculated by multiplying your consumption over a given time interval by the price of electricity at the same interval and summing these charges over the billing period (typically a calendar month). The remaining two components are the makeup of these charges for the year and by month are shown in Figures 1 and 2, respectively.

Note that the demand charges are collected only in the four summer months, yet they account for 53.1% of the total annual bill. The expected annual charges by bill component are summarized in Table 1.

Table 1: Components of Annual Electric Bill

| Bill component | Amount [\$] |
|----------------|-------------|
| Facility | 28678.27 |
| Energy | 40972.47 |
| Demand | 17730.30 |
| Total | 87381.04 |

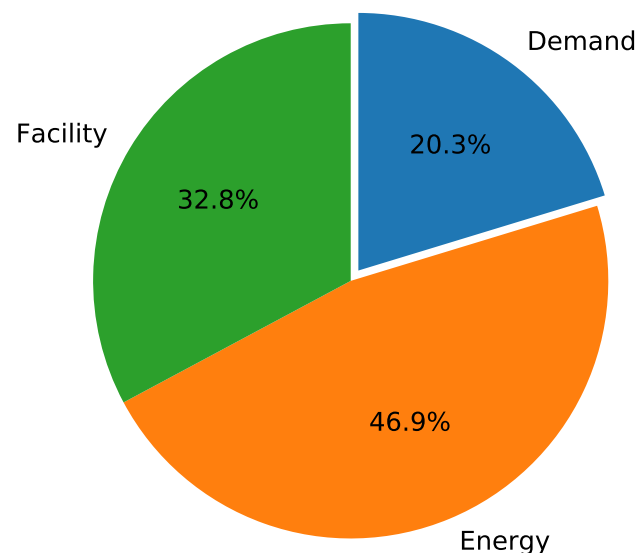


Figure 1: Makeup of annual charges

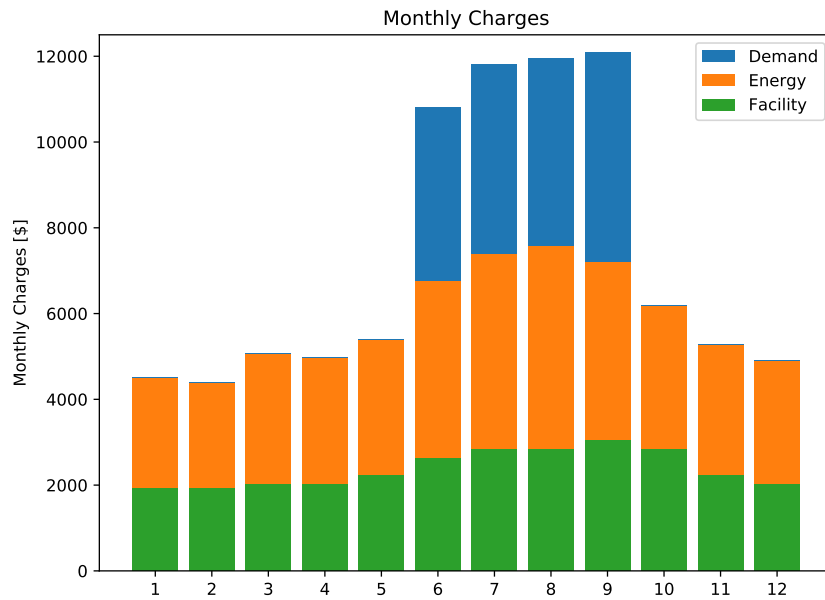


Figure 2: Makeup of monthly charges

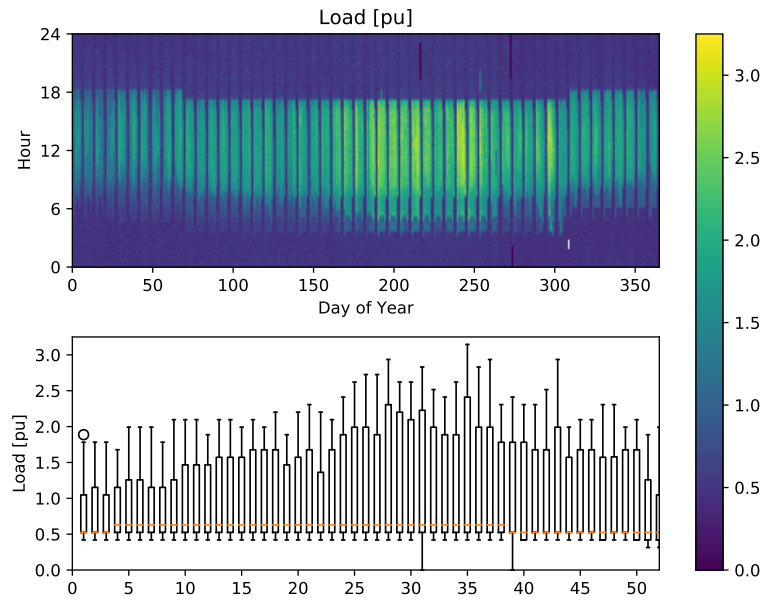


Figure 3: Normalized consumption for V769FM

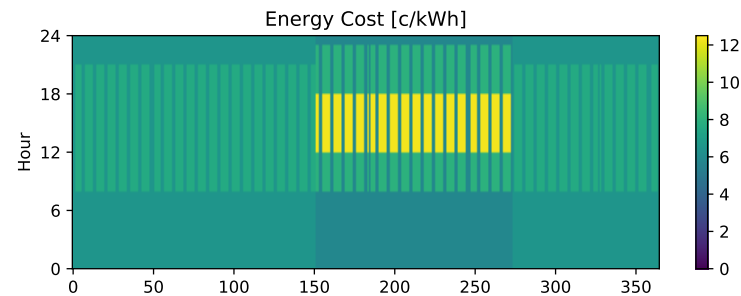


Figure 4: Energy price on TOU-GS3-B

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Table 2: Monthly Energy Charges

| Month | Charge [\$] | Month | Charge [\$] |
|---------|-------------|-------|-------------|
| Jan | 2577.66 | Jul | 4536.93 |
| Feb | 2452.04 | Aug | 4743.06 |
| Mar | 3038.89 | Sep | 4159.52 |
| Apr | 2937.86 | Oct | 3331.10 |
| Jun | 4117.21 | Nov | 3033.13 |
| May | 3161.88 | Dec | 2883.19 |
| Average | 3414.37 | | |

Peer performance

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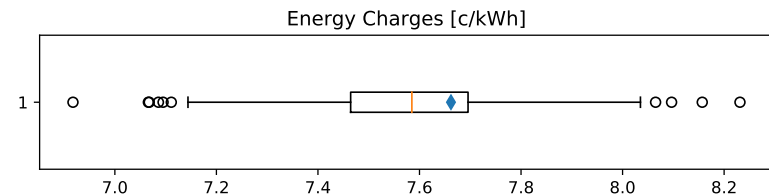


Figure 5: Average annual energy price for V769FM compared to peers

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Table 3: Monthly Demand Charges

| Month | Charge [\$] | Month | Charge [\$] |
|---------|-------------|-------|-------------|
| Jan | 1932.22 | Jul | 7265.60 |
| Feb | 1932.22 | Aug | 7219.52 |
| Mar | 2033.92 | Sep | 7943.55 |
| Apr | 2033.92 | Oct | 2847.49 |
| May | 2237.31 | Nov | 2237.31 |
| Jun | 6691.59 | Dec | 2033.92 |
| Average | 3867.38 | | |

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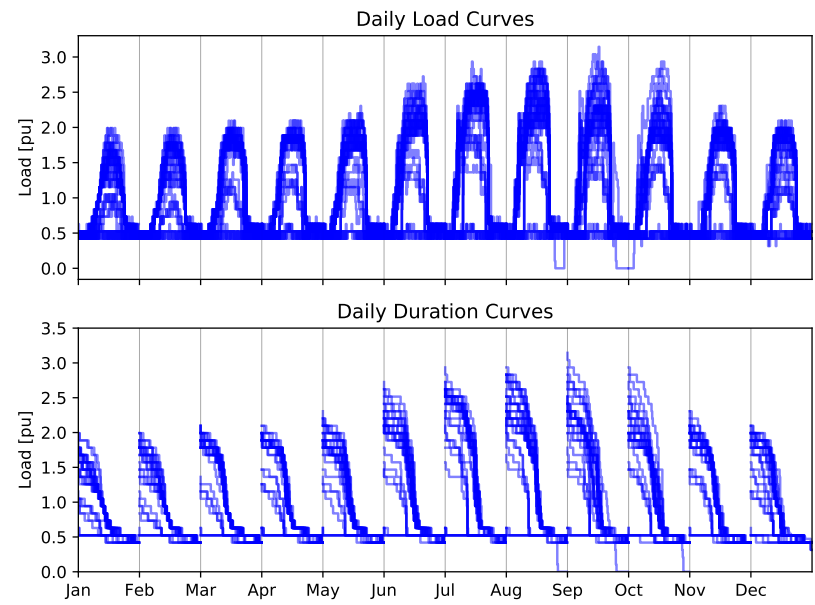


Figure 6: Normalized load and demand profiles for V769FM

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Peer performance

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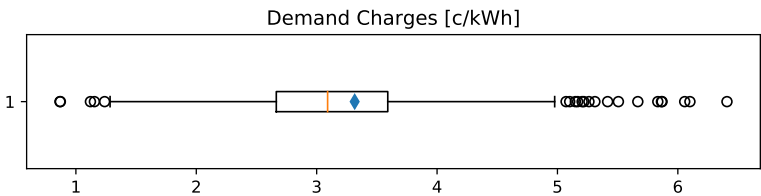


Figure 7: Average annual demand price for V769FM compared to peers